

X35

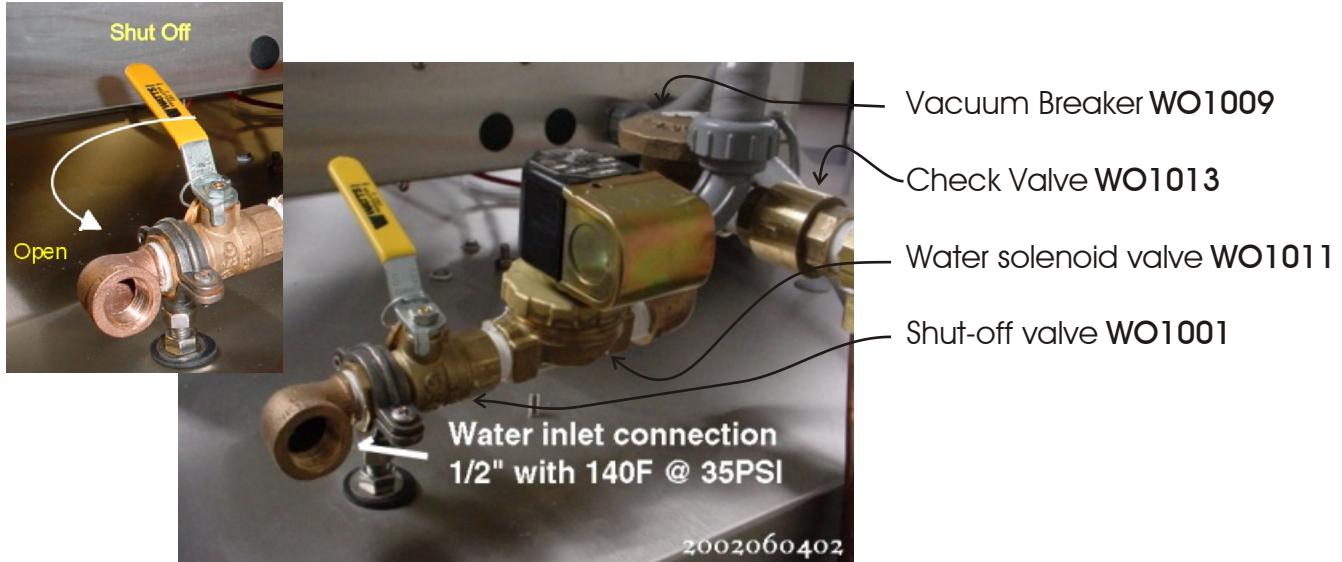
SERVICE MANUAL

Serial number
1000 to 1048
1049 to 1100

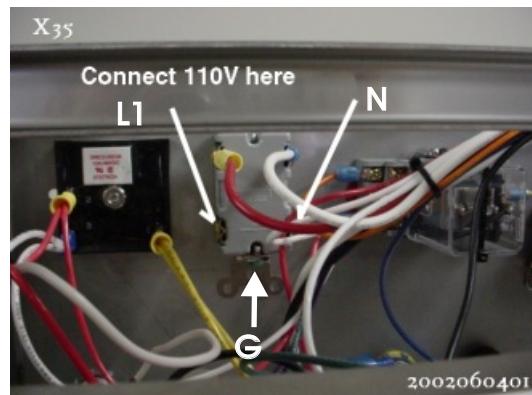
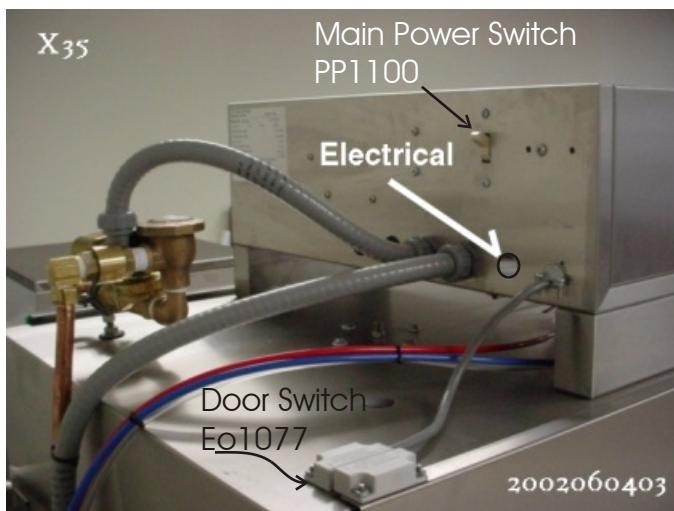
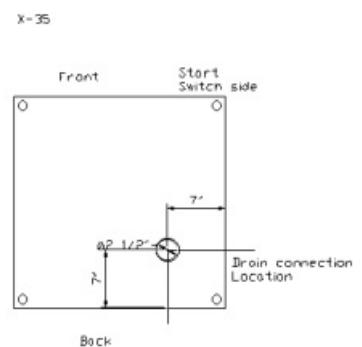


X-35 PARTS

Serial number
1000 to 1048



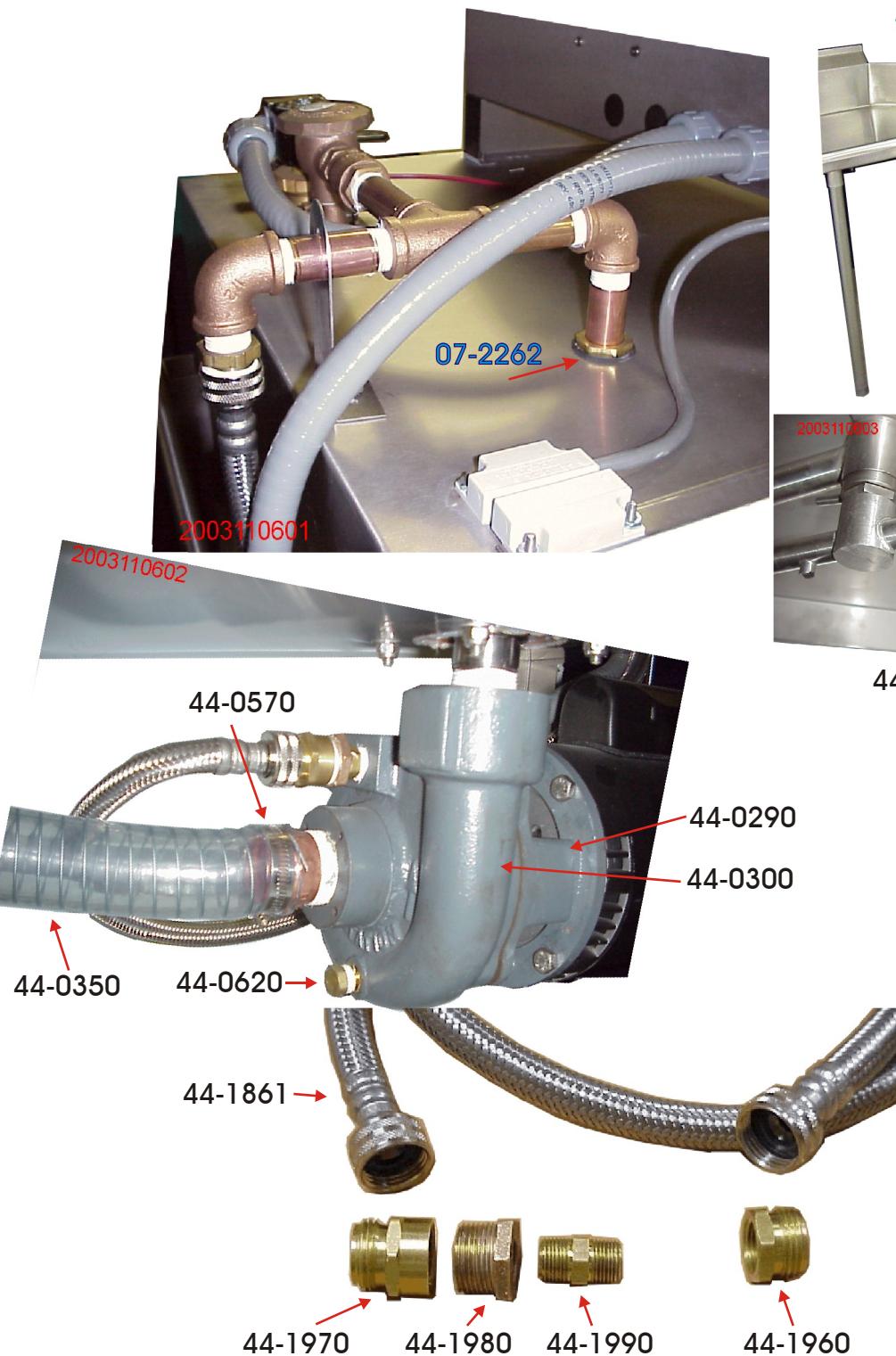
Drain is by gravity,
using a 2 1/2" diameter
drain tube.



X-35
PARTS

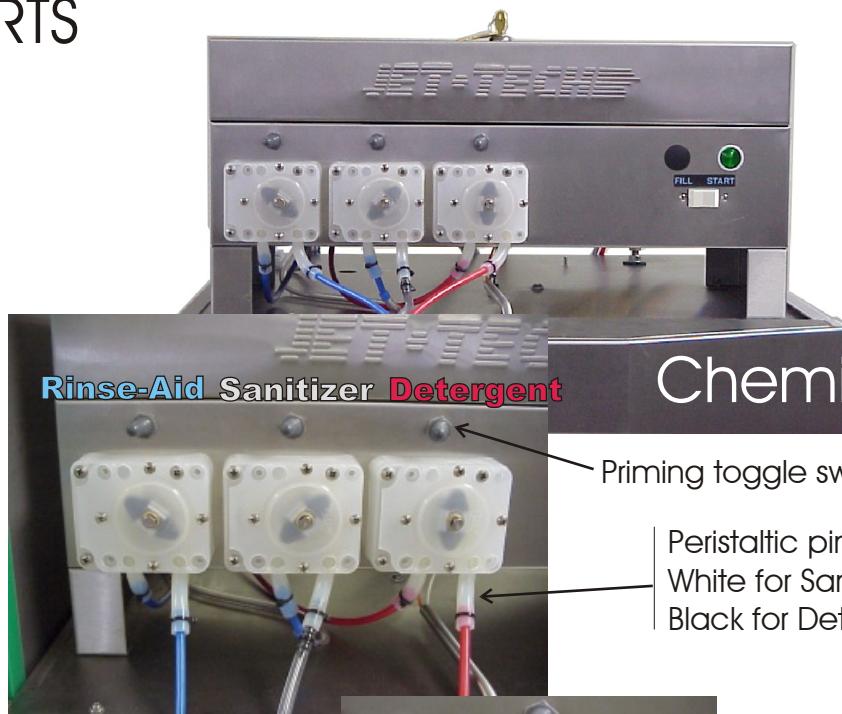
Serial number
1049 to 1100

JET-TECH
CREATION • INNOVATION • SELECTION



X-35 PARTS

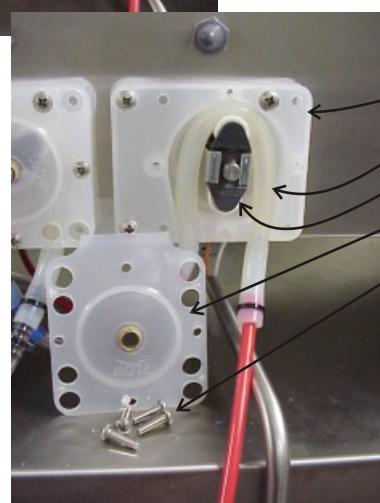
Control Panel



Chemical pumps

Priming toggle switch WO1030

Peristaltic pinch tube
White for Sanitizer and rinse-aid
Black for Detergent



Chemicals

Detergent:

High sequestrant
alkaline solution
200 ppm

Sanitizer:

Chlorine solution
(min. 120F, 49C) min:
50 ppm (as NaOCl)
Iodine Solution (min. 75F, 24C) min: 12.5 ppm-
max: 25 ppm

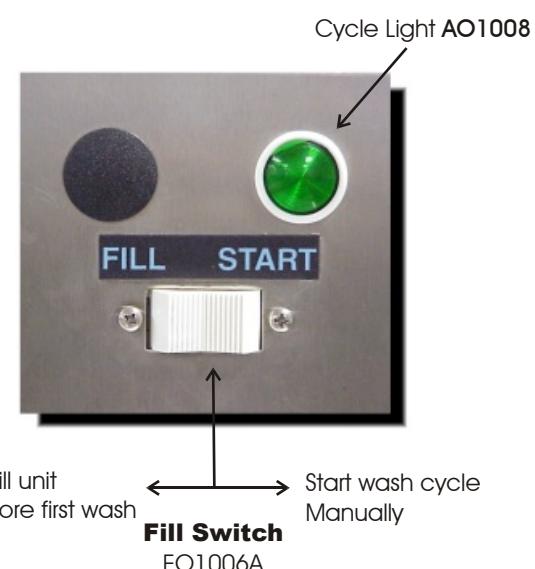
Quaternary ammonium solution (min. 75F,
24C) min: 150 ppm - max: 400 ppm

Rinse-Aid:

Low foam rinse-aid, surfactant isopropanol
50 ppm

See local health code for appropriate quantities
and usage.

Contact your chemical representatives for
calibration and supply.

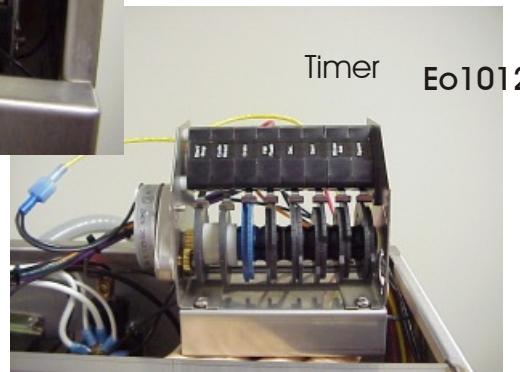


X-35 PARTS



Mercury Relay

EO1014



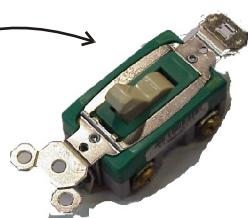
Timer

EO1012

Eo1079



Pp1100



Power switch

Delay Module



Eo1047



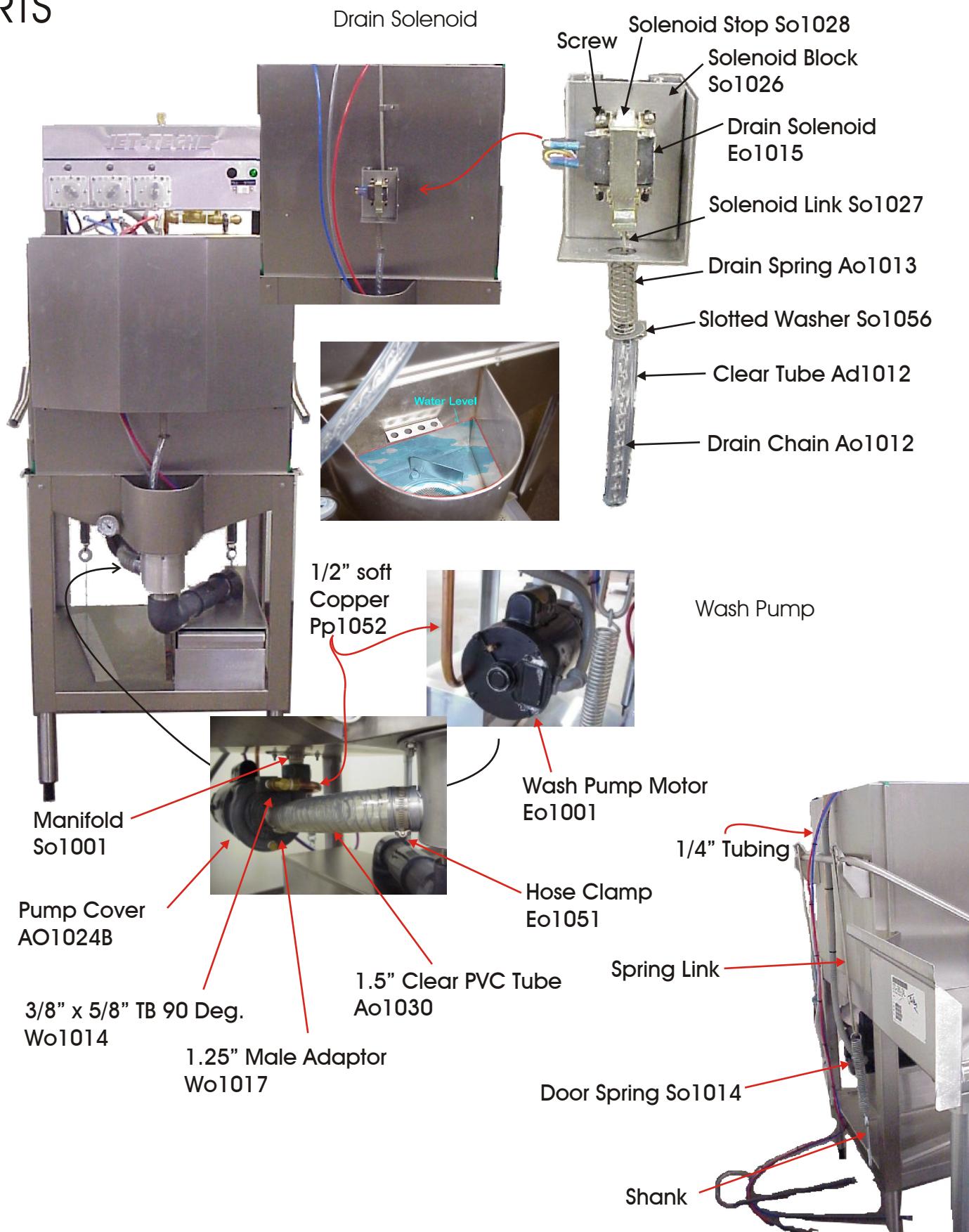
Relay Contactor

Eo1009

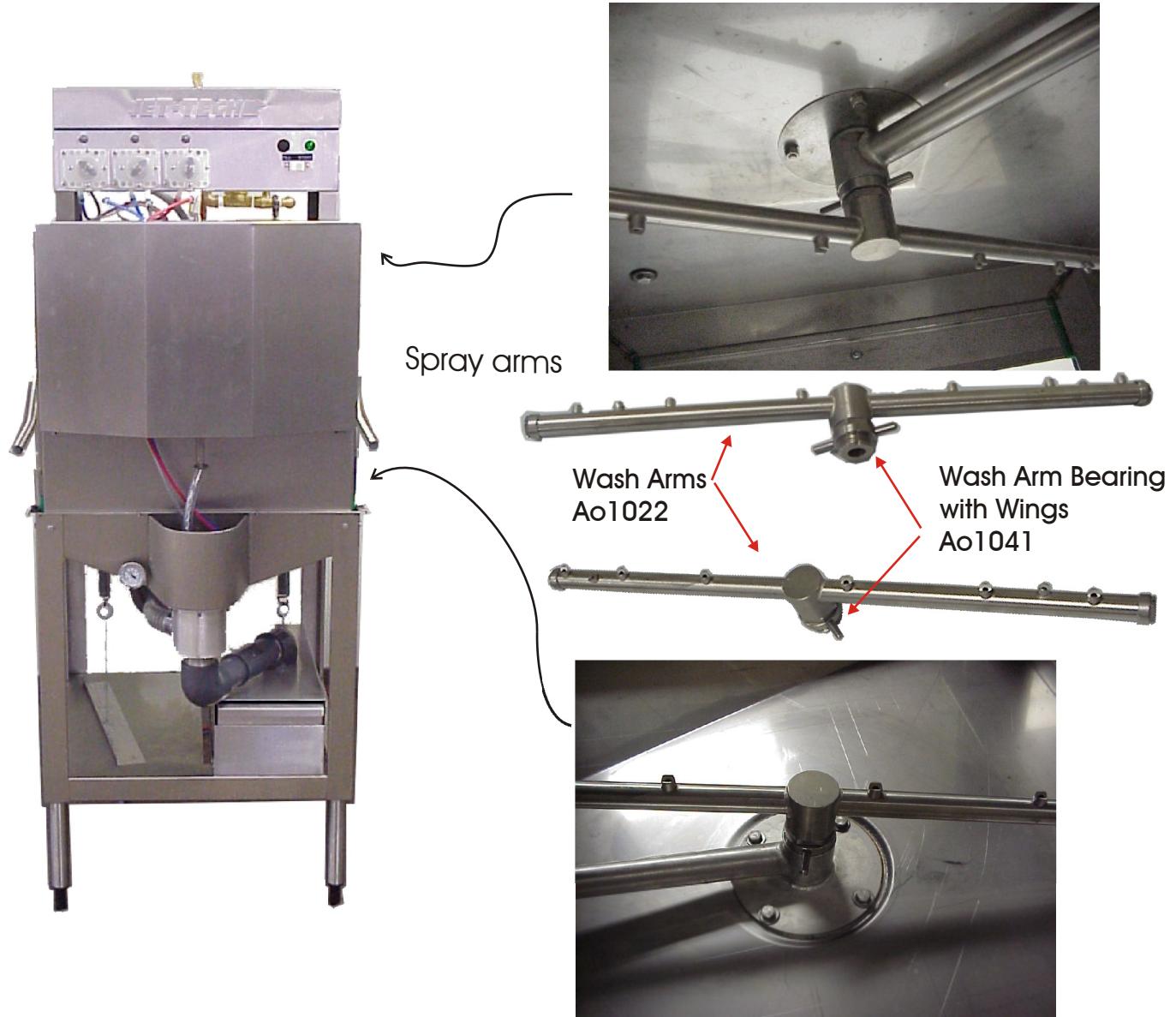


Eo1010

X-35 PARTS



X-35 PARTS



X-35 PARTS

Adjusting the timer on the X35

The timer on the X-35 is factory preset. Some of the functions can be adjusted to meet your requirements.

The following cams can adjusted;

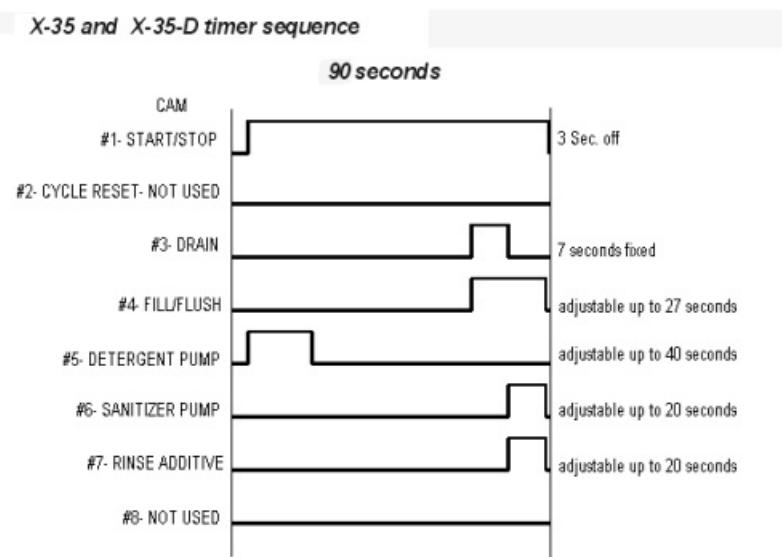
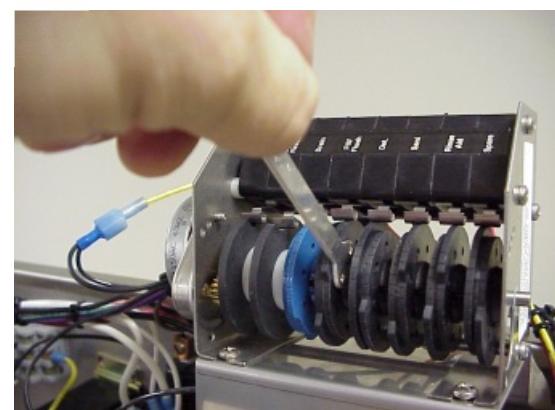
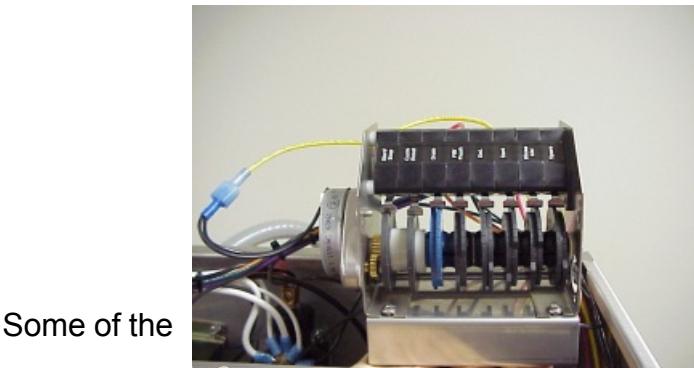
- #4 Fill-Flush
- #5 Detergent pump
- #6 Sanitizer Pump
- #7 Rinse Additive pump

You can open or close the gap on the cams with the special tool that was supplied with the dishwasher.

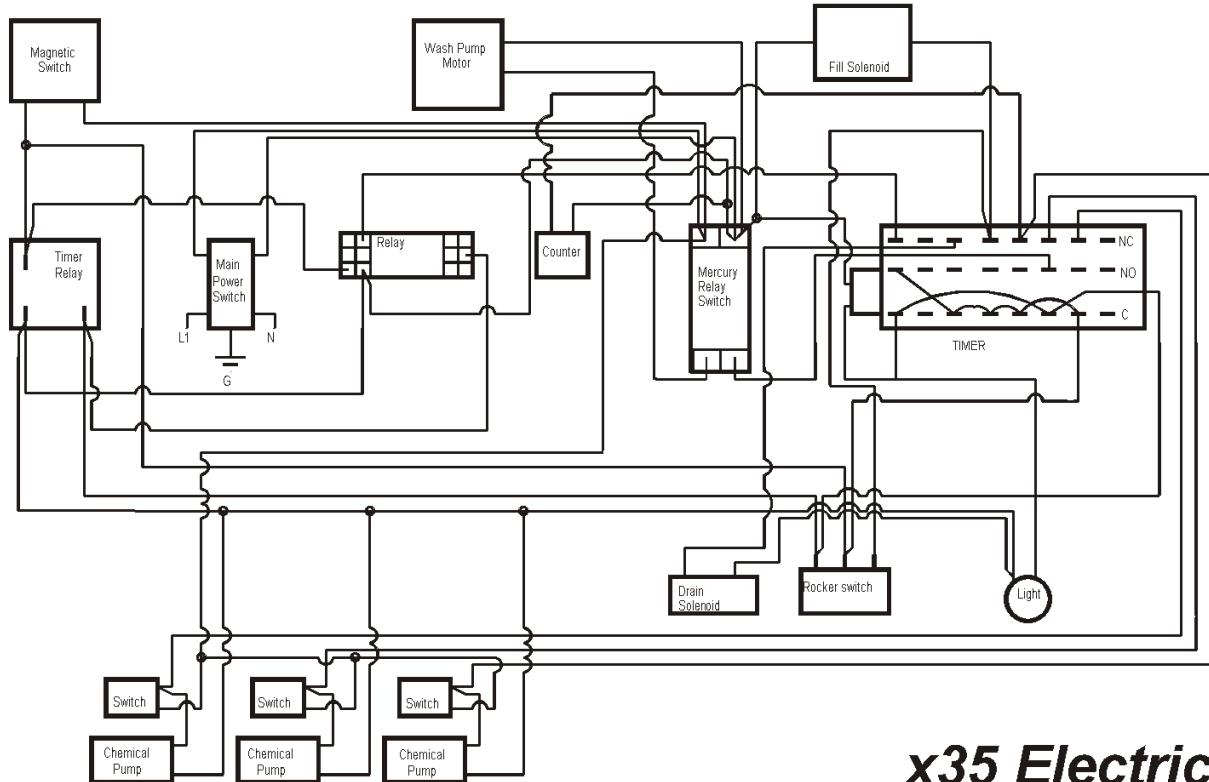
If during a full cycle (wash - dump - fill - rinse) the water increases too much, you can adjust this in two ways.

1) Reduce the water pressure. Reducing the water pressure will reduce the amount of water coming to the dishwasher.

2) Adjusting the Fill/flush cam. You can adjust this cam to decrease or increase the length of time the water solenoid remains open. Closing the gap will reduce the amount of water.



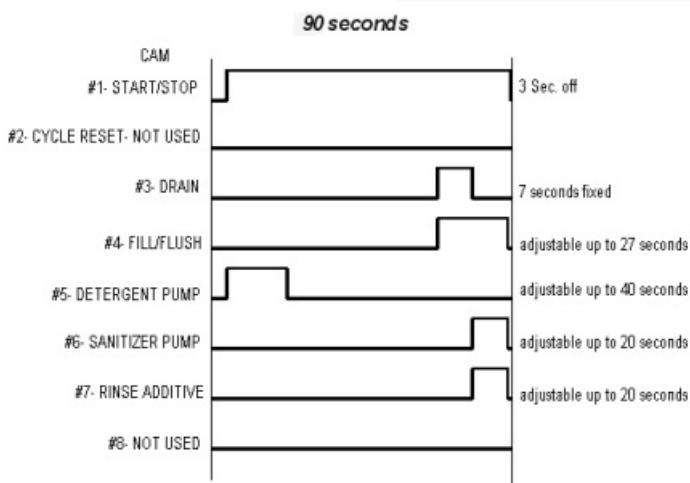
X-35 PARTS



x35 Electrical

2002 October

X-35 and X-35-D timer sequence



X-35

PARTS

<u>part #a</u>	<u>part #b</u>	<u>QTY</u>	<u>Description</u>
#60017	07-2262	1	washer for sprinkler
a01002	44-0110	3	peri pump cover
a01004	44-0130	1	round sump gasket
a01005	44-0140	1	black squeeze tube (detergent)
	44-0141	2	clear squeeze tube (10" ea.)
a01006	44-0150	1	pump shaft seal
a01009	44-0170	1	2" drain ball
a01011	44-0180	1	spray base gasket
a01012	44-0190	0.58	Sash chain \$1.24 ft.(7" req'
a01013	44-0200	1	drain spring
a01015	44-0210	1	thermometer
a01016	44-0220	12	FEET red detergent line
a01018	44-0230	12	FEET blue rinse line
a01019	44-0240	12	FEET #3 clear vinyl line
a01022	44-0260	2	23" spray arm
a01024a	44-0290	1	mounting cast iron
a01024b	44-0300	1	pump cover sm cast iron
a01024c	44-0310	1	impellor open l cast iron
a01026	44-0320	4	hex foot
a01028	44-0330	3	18"bucket probe (pvc 1/4")
a01029	44-0340	1	control box lock
ao1029a	44-0341	1	latch
a01030	44-0350	1	12"X1 1/2" clear sump hose
a01036	44-0360	1	o ring for pump
a01037	44-0370	2	3/16 barb fitting
a01041	44-0380	2	wing spray arm bearing
ad1012	44-0390	1	7" #20 vinyl line 1/2 x 3/4
e01001	44-0400	1	1 h.p. motor
EO____	44-0441	1	rocker switch / replaces eo1
e01008	44-0460	1	indicator light
e01009	44-0470	1	insta start relay
e01010	44-0480	1	insta start socket
e01012	44-0490	1	90 second timer
e01014	44-0500	1	mercury relay
e01015	44-0510	1	drain solenoid
e01016a	44-0520	3	48 rpm motor
EO1035	44-0551	20	MTW 12GA WHITE WIRE
EO1036	44-0552	20	MTW 12GA BLACK WIRE
EO1037	44-0553	20	MTW 12GA RED WIRE
	44-0554	6	MTW 16GA BLACK WIRE
	44-0555	6	MTW 16GA ORANGE WIRE
	44-0556	6	MTW 16GA BLUE WIRE
EO1027	44-0557	6	MTW 16GA WHITE WIRE
EO1027A	44-0558	6	MTW 16GA YELLOW WIRE
EI01029	44-0559	6	MTW 16GA PURPLE WIRE
e01047	44-0560	1	110 ac counter
EO1030	44-0561	6	MTW 16GA GREEN WIRE
EO1031	44-0562	6	MTW 16GA RED WIRE
EO1034	44-0563	6	MTW 16GA BROWN WIRE

<u>part #a</u>	<u>part #b</u>	<u>QTY</u>	<u>Description</u>
e01051	44-0570	2	hose clamp
EO1052	44-0571	2	1/2" PVC 90° CONNECTOR
EO1053	44-0572	2	1/2" PVC STR. CONNECTOR
EO1059	44-0573	7	FEET 1/2" nonmetallic conduit
EO1077	44-0581	1	door switch magnet
e01079	44-0590	1	cube relay timer
pp1068	44-0620	1	3/8 brass plugs
pp1100	44-0630	1	30 amp switch
s01014	44-0770	2	door springs
w01003	44-1110	4	1/2 close nipple brass
w01005	44-1130	2	1/2 street 90 deg brass
w01009	44-1160	1	1/2" vacuum breaker
w01011	44-1180	1	1/2" water solenoid
w01013	44-1200	1	1/2" check valve
w01017	44-1220	1	1 1/4" male adapter PVC
	44-1660	3	momentary toggle switch
	44-1670	3	rubber boot
	44-1680	1	2" pvc elbow st
	44-1690	1	2" pvc elbow ss
	44-1700	1	2" pvc pipe
	44-1720	1	fill/start label
	44-1800	1	3/8" comp x 3/8" mip elbow
w01001	44-1810	1	1/2" brass tee
	44-1820	1	1/2" thrd ball valve
	44-1830	2	1/2" brass 90° elbow
	44-1845	3	1/2" x 3" brass nipple
	44-1850	1	1/2" x 4" brass nipple
	44-1861	1	60" s/s flex hose
	44-1880	1	teflon tape
	44-1890	1	3/4" romex connector
	44-1900	40	4" cable ties
	44-1910	6	6" cable ties
	44-1920	5	1/8" x 3/8" pvc foam (ft)
EO____	44-1930	2	dome plug
	44-1940	2	snap bushing
	44-1950	1	3/4" brass sprinkler head
	44-1960	1	3/4" m.hose x 1/2" FIP adaptor
	44-1970	1	3/4" m.hose x 3/4" FIP adaptor
	44-1980	1	3/4" MIP x 3/8" FIP bushing
	44-1990	1	3/8" hex nipple
	44-2000	2	1/2" brass nut
		1	instruction manual
		1	deterg,sanit,rinse,110V/20A labels
s01028		1	drain solenoid stop
s01029		2	solenoid bars
		1	cleaning label
		1	TR-1 open rack
		1	TR-3 plate rack

X-35 PARTS

BODY COMPONENTS

CODE #	QTY	DESCRIPTION
16321	1	Washing tank and basement
16322	2	Rack rails
16323	1	Left sliding door
16324	1	Right sliding door
16325	2	Stopping door angle bar
16326	1	Electrical components box
16327	1	Electrical components box cover
16328	1	Drain screen container
16329	1	Drain screen container cover
16330	1	Drain screen
16331	1	Magnet fixing gasket
16334	1	Hood handle
16335	2	Connecting rod for handle
16336	4	Handle fixing screws
16337	2	Double thread spacer for rod
16339	2	Spring hook
16340	1	U-bold to fix magnet wiring
16341	2	Washer for magnet
16342	2	Washing tank angle bar
16343	1	Detergent piper angle bar
16344	4	Door sliding guides
16431	1	Stainless steel washing pipe
16428	1	Magnet cover
16429	1	Drain screen container
16430	1	Drain screen
16432	1	Rod for rubber ball
16433	1	Pipe for magnet wiring
60676	1	Carton box packing
60677	1	Pallet
60678	1	Carton box for components

X35

Trouble Shooting

Dishes are coming out soapy.

- ✓ Water temperature must be higher than 120F.
- ✓ Unit should drain properly.

Dishes/Glasses are not clean.

- ✓ Check that your washing temperature is at least 120F.
- ✓ Check your water softener for proper operation.
- ✓ Check the sump screen and the spray arm jets for obstruction.

Machine does not fill with water.

- ✓ Check the water shut-off valve behind the control panel. The handle should be parallel with the line.

Machine does not shut OFF.

- ✓ If the dishwasher stops when the doors are opened, use the master switch, at the back, to operate the dishwasher until service comes.

Machine does not stop filling up.

- ✓ Close the water shut-off valve , turn power off and call for service.

Machine does not hold water.

- ✓ Check under the drain ball for any foreign material, anything that does not belong there.

Spray arms don't spin.

- ✓ Check the spray arm bearing for ease of movement. Clean if required.

The dishwasher does not start.

- ✓ Check the master switch at the back of the control panel and verify that it is in the ON position
- ✓ Check the circuit breaker which services the dishwasher and make sure it is in the ON position.
- ✓ Is the door closed completely?

Water comes out the doors.

- ✓ Check the spray arms for missing end plug. If they are, they could be in the screen basket.

X35

Trouble Shooting

Water is leaking on the floor.

- ✓ Check the scrap accumulator filter.
- ✓ If water comes out of the scrap accumulator and the filter is clean, the drain is probably clogged.

Water does not drain from the wash tank.

- ✓ Check the drain sump for obvious clogging.
- ✓ Lift the plunger-ball assembly, to manually drain the dishwasher. If does not drain rapidly (about 6 seconds) something is clogging the pipe that drops on the accumulator. If it drains properly that the solenoid may be defective.

For service, Call:

Jet Tech Systems
1 888 275 4538

Chemical Supplier

Name _____

Telephone _____ / _____ / _____

Representative _____

Model X 35

Serial Number: _____

Date of install: _____ / _____ / _____